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PTO/SB/21 (09-04)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/663,359
Filing Date	09/16/2003
First Named Inventor	Karandikar, Prashant G.
Art Unit	1774
Examiner Name	
Attorney Docket Number	M-102-E

### ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>(1) Certificate of Mailing<br>(2) Return receipt Postcard |
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Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	M Cubed Technologies, Inc.		
Signature			
Printed name	Jeffrey R. Ramberg		
Date	11/17/2004	Reg. No.	34,700

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Karandikar et al. Group Art Unit: 1774  
Serial No.: 10/663,359 Attorney Docket No.: M-102-E  
Filed: September 16, 2003  
For: Low CTE Metal-Ceramic Composite Articles, and Methods for Making Same

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


## **INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §1.56, applicants hereby call the attention of the U.S. Patent and Trademark Office to the references listed on the attached Form PTO-1449. The instant application is a Continuation-in-Part of Application Serial No. 10/073,818, filed on February 11, 2002, which is a Continuation-in-Part of Application Serial No. 09/378,367, filed on August 20, 1999. Applicants attach one copy of each reference that they have not already provided to the Office previously during the proceedings in these parent patent applications.

Applicants present these references to the U. S. Patent and Trademark Office because the Office may deem that the references may be material to patentability. Applicants respectfully request that these references be expressly considered during the prosecution of this application and be made of record herein and appear on the “References Cited” section on any patent to issue herefrom.

Should the Examiner have any questions regarding any of these references, the Examiner is invited to telephone applicants' undersigned representative.

Respectfully submitted,  
  
 Jeffrey R. Ramberg  
 Reg. No. 34,700

November 17, 2004

c/o M Cubed Technologies, Inc.  
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Fax: (302) 454-8605

Enclosure: Form PTO-1449 with one copy of each reference not previously submitted

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Karandikar et al.  
Serial No.: 10/663,359  
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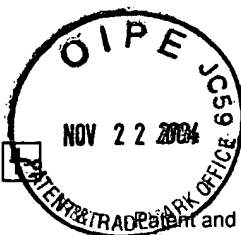
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PTO/SB/08A (10-96)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/663,359
				Filing Date	09/16/2003
				First Named Inventor	Karandikar, P.
				Group Art Unit	1774
Sheet	1	of	3	Examiner Name	
				Attorney Docket Number	M-102-E

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup>			
		3,622,283		Sara	11-23-1971	
		3,766,000		Gibson et al.	10-16-1973	
		3,807,996		Sara	04-30-1974	
		3,994,867		Baughman et al.	11-30-1976	
		4,005,183		Singer	01-25-1977	
		4,083,719		Arakawa et al.	04-11-1978	
		4,157,409		Levitt et al.	06-5-1979	
		4,376,803		Katzman	03-15-1983	
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		4,535,035		Smialek, et al.	08-13-1985	
		4,791,076		Leggett, deceased, et al.	12-13-1988	
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		4,944,904		Singh et al.	07-31-1990	
		5,015,540		Borom	05-14-1991	
		5,330,807		Williams	07-19-1994	
		5,523,841		Nara et al.	06-04-1996	
		5,834,115		Weeks, Jr. et al.	11-10-1998	
		5,993,934		Reese et al.	11-30-1999	

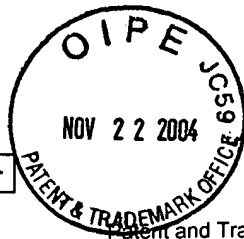
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	3	Attorney Docket Number	M-102-E

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		Number	Kind Code <sup>2</sup>			
		6,030,913		Heine et al.	02-29-2000	
		6,079,525		Dietrich et al.	06-27-2000	
		6,221,475	B1	Domergue et al.	04-24-2001	
		6,261,981	B1	Dietrich et al.	07-17-2001	
		6,328,834	B1	Rebstock et al.	12-11-2001	
		6,426,968	B1	Strife, et al.	07-30-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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